

## Contents of Volume 180

## Vol. 180 Nos. 1-2

Adsorption of aqueous nitrophenols on clinoptilolite	
T. Sismanoglu and S. Pura (Istanbul, Turkey)	1
Modelling the mechanical strength of fractal aggregates	
S. Tang (London, UK), Y. Ma (Birmingham, UK) and C. Shiu (London, UK)	7
Stable colloid of Co(OH)2 prepared by moving chemical reaction boundary method (MCRBM) in agarose gel	
CX. Cao (Hefei, People's Republic of China), RZ. Li, SL. Zhuo, WK. Chen (Wuhu Anhui, People's Republic of	
China) and YT. Qian (Hefei, People's Republic of China).	17
Drift speed: a way of measuring diffusion and tortuosity of porous materials	
M. Törnqvist, T. Hurme and J.B. Rosenholm (Åbo, Finland)	23
Quantum chemical modelling of ion exchange for alkali earth cations localised in interlayer structural gaps of layer silicate	
montmorillonite	
Y.I. Tarasevich and E.V. Aksenenko (Kiev, Ukraine)	33
Surfactant-free O/W emulsion formation of oleic acid and its esters with ultrasonic dispersion	
K. Kamogawa (Tokyo, Japan), H. Akatsuka, M. Matsumoto (Chiba, Japan), S. Yokoyama (Tokyo, Japan), T. Sakai	4.1
(Chiba, Japan), H. Sakai and M. Abe (Tokyo, Japan).	41
Aqueous gold sols of rod-shaped particles prepared by the template method	==
S.L. Pan, M. Chen and H.L. Li (Lanzhou, People's Republic of China)	55
W. Zhang and C.R. Ethier (Toronto, Ont., Canada).	63
Effect of alkalinization on carboxylated latices prepared with various amount of a non-ionogenic hydrophilic comonomer	0.5
2-hydroxyethyl methacrylate	
J. Horský, O. Quadrat, B. Porsch, L. Mrkvičková (Prague, Czech Republic) and J. Šňupárek (Pardubice, Czech	
Republic)	75
Characterization of fumed silicas and their interaction with water and dissolved proteins	
I.F. Mironyuk, V.M. Gun'ko, V.V. Turov, V.I. Zarko (Kiev, Ukraine), R. Leboda and J. Skubiszewska-Zieba (Lublin,	
Poland)	87
Interactions of partially screened polyelectrolyte layers with oppositely charged surfactant in confined environment	
T. Abraham and S. Giasson (Québec, Canada)	103
Conductance and viscosity studies of sodium dodecylsulfate in aqueous solutions of dimethylsulfoxide and methanol	
M.S. Chauhan, G. Kumar, A. Kumar, K. Sharma and S. Chauhan (Shimla, India)	111
Adsorption of Intan-100 at the bitumen/aqueous solution interface studied by spinning drop tensiometry	
M. Di Lorenzo (Caracas, Venezuela), H.T.M. Vinagre and D.D. Joseph (Minneapolis, MN, USA)	121
Selective adsorption of dyes and other organic molecules to kaolinite and oxide surfaces	
R.G. Harris, J.D. Wells and B.B. Johnson (Bendigo, Australia)	131
Membrane formation at interfaces examined by analytical ultracentrifugation techniques	
C. Wandrey and A. Bartkowiak (Lausanne, Switzerland)	141
A novel investigation of magnetic field effects on the sedimentation of erythrocytes with the series piezoelectric quartz crystal	
sensor	
J. Zhang, W. Wei, A. Zhou and S. Yao (Changsha, PR China)	155
Effect of copper ions on the drainage stability of foams prepared from egg white	1.03
L.M.C. Sagis, A.E.A. de Groot-Mostert, A. Prins and E. van der Linden (Wageningen, The Netherlands)	163
A study of the microstructure of four-component sucrose ester microemulsions by SAXS and NMR	
M. Fanun (Jerusalem, Israel), E. Wachtel (Rehovot, Israel), B. Antalek (Rochester, NY, USA), A. Aserin and N. Garti (Jerusalem, Israel)	173
The cross-sectional headgroup area of nonionic surfactants; the influence of polydispersity	1/3
B.M. Folmer (Stockholm, Sweden) and K. Holmberg (Goteborg, Sweden)	187
Polymerization of aniline in the presence of block copolymer micelles	107
I. Sapunna, (St. Petersburg, Russia), J. Stejskal and Z. Tuzar (Prague, Czech Republic)	193
	-

Binding of pesticide 2,4-D to SDS and AOS micellar flocculates	
F.I. Talens-Alesson (Hospitalet de Llobregat, Spain)	199
Calendar	205
Vol. 180 No. 3	
Adsorption characteristics of activated carbons obtained from corncobs	
AN.A. El-Hendawy (Cairo, Egypt), S.E. Samra (Mansoura, Egypt) and B.S. Girgis (Cairo, Egypt)	209
S.S. Dukhin (Newark, NJ, USA), J. Sjöblom (Trondheim, Norway), D.T. Wasan (Chicago, IL, USA) and Ø. Sæther (Trondheim, Norway).	223
Mimic oil recovery with a SDBS-dodecane-silica gel system	223
Z.C. Bi, F. Xu, P.H. Yang, J.Y. Yu and J.B. Li (Beijing, People's Republic of China)	235
Lubrication of the mixed system of Triton X-100/n-C <sub>10</sub> H <sub>21</sub> OH/H <sub>2</sub> O lamellar liquid crystal and ZnS nanoparticles H. Yang (Yangzhou, Lanzhou, People's Republic of China), R. Guo (Yangzhou, People's Republic of China) and H.	
Wang (Lanzhou, People's Republic of China)	243
C. Otero Areán, M. Peñarroya Mentruit, A.J. López López (Palma de Mallorca, Spain) and J.B. Parra (Oviedo, Spain)	
, , , , , , , , , , , , , , , , , , , ,	253
Changes in the adsorption activity of metal oxyhydroxide hydrogels during their ageing in electrolyte solutions	250
S.I. Pechenyuk and L.P. Kuzmich (Apatity, Russia)	259
pesticide application	
M.C. Butler Ellis, C.R. Tuck and P.C.H. Miller (Silsoe, UK)	267
Cobalt-extraction studies on dithiocarbamate grafted on silica gel surface K.A. Venkatesan, T.G. Srinivasan and P.R. Vasudeva Rao (Kalpakkam, India)	277
Determination of colloid size by 2-D optical detection of laser induced plasma	211
T. Bundschuh, W. Hauser, J.I. Kim, R. Knopp and F.J. Scherbaum (Karlsruhe, Germany)	285
Synthesis and characterisation of a novel surfactant, sodium geranyl sulphate	
A. Murphy and G. Taggart (Athlone, Ireland)	295
Production of porous suspension polymer beads with a narrow size distribution using a cross-flow membrane and a continuous tubular reactor	
P.J. Dowding, J.W. Goodwin and B. Vincent (Bristol, UK).	301
Micropore modification of zeolites with transition-metal oxides	
L. Qian and ZF. Yan (Dongying, People's Republic of China)	311
Short communication	
Polymerization process of the silane coupling agent 3-aminopropyltriethoxy silane – <sup>1</sup> H NMR spectra and kinetics of ethanol	
release	
T. Ogasawara, A. Yoshino, H. Okabayashi (Nagoya, Japan) and C.J. O'Connor (Auckland, New Zealand)	317
Calandar	323
Calendar	325
Subject Index.	327
Volume Contents	329

